

Fig. 3

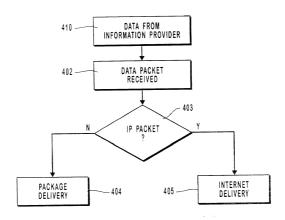


Fig. 4

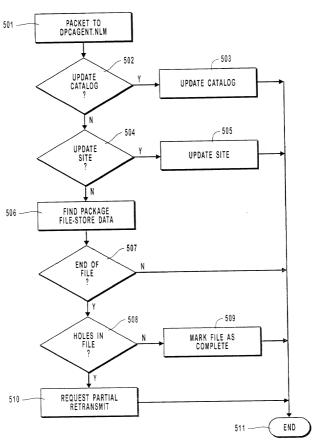
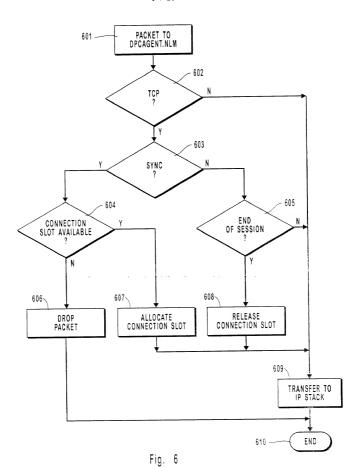


Fig. 5



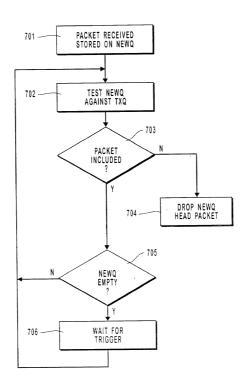


Fig. 7

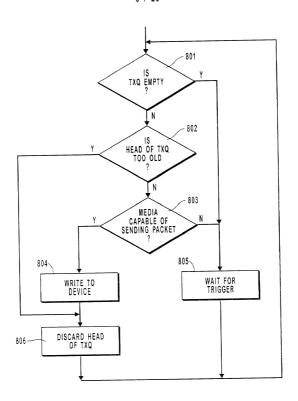
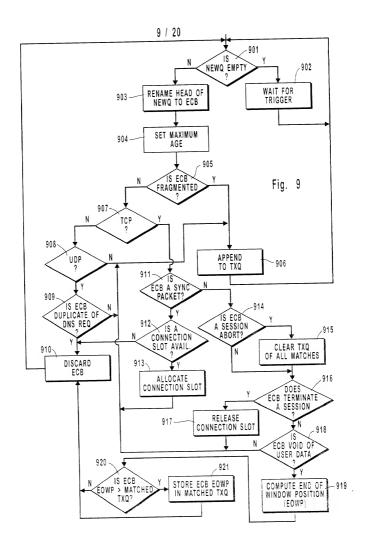


Fig. 8



DPC AGENT PROGRAM 1.50			
	DPCAGENT Options Package Delivery Display MLID Stats DPC Configuration Dish Pointing Adapter Information Modem Control Exit DPCAGENT		
Modem Status: IDLE Package Status: IDLE Select an Option <ent< td=""><td>er> Users</td><td>50</td><td>Tx Rx Cd . Keys Signal</td></ent<>	er> Users	50	Tx Rx Cd . Keys Signal

Fig. 10a-1

	DPC AGE	ENT PROGRA		in land	kama Dali	uo ny		
ŀ	-	*****		Marilyn	kage Deli	very		
		DIRECPC DIRECPC HELIUS	AVI Win3x HELIUSDV	Sports Helius	Ticker 16 38MB File		for W.	in 3.1
		HELIUS HELIUS	HELIUSDV HELIUSDV	Helius Helius	Costly Fi Test HIGH	le priority		
١								
١								
l	(277TIC)	ZTARN	Sorting	(Entar)	Details	<track< th=""><th>load 🛭</th><th>H≥ Cancel</th></track<>	load 🛭	H≥ Cancel
		Status:	IDLE	23113312	5014110		Tx 🗌	Rx 🗌 Cd 🖳
١	Package Select	e Status: an Optio	n <enter></enter>			Users 50	Keys [Signal 🗀

Fig. 10a-2

DPC AGENT PROGRAM 1.50		
	DPCAGENT Options	
	Package Delivery Display MLID Stats DPC Configuration Dish Pointing Adapter Information Modem Control Exit DPCAGENT	
Modem Status: IDLE		Tx Rx Cd Cd
Package Status: maril Select an Option <ent< td=""><td>yn avi 52% er> Users</td><td>1755510/3374352 50 Keys Signal</td></ent<>	yn avi 52% er> Users	1755510/3374352 50 Keys Signal

Fig. 10b-1

DPC AGENT PROGRAM 1.50	
Dig	ital Package Delivery
DIRECPC Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS HELIUSDV	Helius 38MB File
HELIUS HELIUSDV	Helius Costly File
HELIUS HELIUSDV	Helius Test HIGH priority
CONFIRM DIRECPC AVI	Marilyn Avi
Status <tab> Sorting</tab>	⟨Enter> Details ⟨Ims> Download ⟨DEI> Cancel
Modem Status: IDLE	Tx Rx Cd
Package Status: IDLE	No FA No Cianal C
Select an Option <enter></enter>	Users 50 Keys 🗀 Signal 🗍

Fig. 10b-2

DPC AG	ENT PROGR		ital Pa	kane I	eliver				
NEEDED	DIRECPC HELIUS HELIUS HELIUS DIRECPC	Win3x HELIUSDV HELIUSDV	Sports Helius Helius Helius Marilyn	Ticker 38MB F Costly Test F	16 Bi ile File	t App	for	Win	3.1
	Status:	Sorting Dialing IDLE n <enter></enter>	<enter></enter>	Detail	<in< td=""><td></td><td>oad Tx 🗌</td><td>Rx [</td><td>Cancel Cd</td></in<>		oad Tx 🗌	Rx [Cancel Cd

Fig. 10c-1

DPC AGI	NT PROGR	AM 1.50 Dig	ital Pa	ckage	Deliv	ery					
NEEDED	DIRECPC	HELIUSDV HELIUSDV AVI	Helius Marilyn	38MB Costly Test Avi	File Fil HIGH	e pri	ority				
Package	Status: Status:	Sorting Disconnect: marilyn.a n <enter></enter>	ing from	Packa	ge D	Ins> eliv 20% ers	ery	Tx [Rx 88512	Can Cd /3374 ignal	352

Fig. 10c-2

DPC AGENT PROGRAM 1.50	
DPC_1_EII [DPc port=140 int=B	frame=ETHERNET_II]
Version 1.20 Node Address: 80AE000001 Protocols: ARP IP Generic statistics Total packets sent: Total packets received: No ECB available count: Send packet too big count: Reserved:	1 0 0 0 Not Supported
Receive packet overflow count: Receive packet too big count: Receive packet too small count: Send packet miscellaneous errors: Receive packet miscellaneous errors:	Not Supported
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Tx Rx Cd Cd Users 50 Keys Signal

Fig. 10d-1

DPC AGENT PROGRAM 1.50 DPC_1_EII [DPc port=140 int=B frame=ETHERNET_	II]
Send abort from excessive deferral Receive abort from bad frame alignment	0 🚊
Custom statistics Signal Quality Rx Frequency Largest Received IP Frame Number of Receive IP Frames over 400	235 13,300 0
Ave size of Receive IP frames over 400 Mips Rx enable commands Mips Rx disable commands Mips frames accepted	0 0 0 0 6.962
Mips frames rejected from no filter match Mips frames rejected from zero address Mips frames rejected from adapter disabled Mips frames rejected from low buffer pool	1,489,475 0 0 3,611,966
Package Status: IDLE	Rx Cd Signal

Fig. 10d-2

DPC AGENT PROGRAM	1.50					XX,avê
	DPC Confi	guration				
	Modem Configura Package Deliver Provider Config	tion y Configurat. uration	ion			
Modem Status: ID				Tx 🗌 Rx	☐ Cd	-
Package Status: Select an Option	IDLE <enter></enter>	Users	50	Keys 🗀	Signal	

Fig. 10e-1

DPC AGENT PROGRAM 1	.50		1
	Modem Configuration	Editor	
Disconnect str Escape Str Connect str	= ATDT = ATHO		
Modem Status: IDLE Package Status: IDL Select an Option <	E Enter>	Users 50	Tx Rx Cd Cd Keys Signal

Fig. 10e-2

DPC AGENT PROGRAM 1.50		
Package De	livery Configuration	Editor
Package Baud Package Inactivity(sec)	= 1-800-825-3954 = 9600 = 10 = 1024	
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	User	Tx Rx Cd Signal

Fig. 10f-1

Provider	Configuration Editor
	Outbound Protocol = Modem - PPP
Internet Phone	= 343-2720
Internet Baud	= 57600
Internet MTU	= 1500
Internet Inactivity(sec)	= 180
Internet Inactivity(sec) IP Adddress(ISP)	= 153.35.210.185
Hybrid gateway Address	= 206.71.99.5
Auto Login Enabled	= No
Auto Eugzii Eliubicu	Modify Auto login Script
	Modify PPP Configuration
	modal) iii ooniagalataan
dem Status: IDLE	Tx □ Rx □ C
ckage Status: IDLE	
lect an Option <enter></enter>	Users 50 Keys — Signa

Fig. 10f-2

DPC AGENT PROGRAM 1.	50		1 7 %	
	Login Script	Editor		
Wait1:	Wait	Timeout	1= 10	
Send1:				
Wait2:	Wait	Timeout	2= 5	
Send2:				
Wait3:	Wait	Timeout	3= 5	
Send3:				
Wait4:	Wait	Timeout	4= 5	
Send4:				
Wait5:	Wait	Timeout	5= 5	
Send5:				
Wait6:	Wait	Timeout	6= 5	
Send6:				
Wait7:	Wait	Timeout	7= 5	
Send7:				
Wait8:	Wait	Timeout	8= 5	
Send8:				
Wait9:	Wait	Timeout	9= 5	
Send9:				
Modem Status: IDLE				Tx 🔲 Rx 🔲 Cd 📃
Package Status: IDLE				
Select an Option <er< td=""><td></td><td>User</td><td>s 50</td><td>Keys 🗌 Signal 🗌</td></er<>		User	s 50	Keys 🗌 Signal 🗌

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Edi	tor
Outbound Protocol = Modem -	PPP
PPP Configuration Editor	•
Authentication User Name: Authentication Password :	
Maximum Receive Unit : 1400 Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE Package Status: IDLE	Tx Rx Cd C
Select an Option <enter> User:</enter>	s 50 Keys 🗍 Signal 🚆

Fig. 10g-2

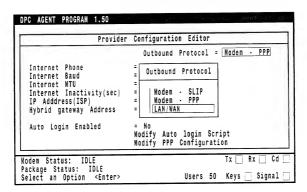


Fig. 10h-1

DPC AGENT PROGRAM 1.50	
Provide	r Configuration Editor
Outbou	nd Protocol = LAN/WAN
Network R	oute Configuration Editor
Interface: Router Mac Address:	2 00·00·0c·4a·55·f4
Auto Login Enabled	= No Modify Auto <u>Login Script</u> Modify Network Configuration
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Tx ☐ Rx ☐ Cd ☐ Users 50 Keys ☐ Signal ☐

Fig. 10h-2

DPC	AGENT	PROGRAM	1.50		W.				
					Pointi				
			Antenn: Signal	R Point Streng	ing Ca oth Me	alculation ter	S		
		·							
	m Stat							Tx 🗌 Rx 🗌	Cd 🗌
		tatus: 1 Option	<enter></enter>			Users	50	Keys 🗌 Sig	nal 🗀

Fig. 10i-1

DPC AGENT PROGRAM 1.50	
Antenna	Pointing Calculations
Country = USA City = Orem	Region = Utah Service = Hughes Satellite = Galaxy 4
Satellite Longitude = Satellite Polarization =	99 Hemisphere = West Horz Frequency = 1330
Ground Longitude degrees Ground Latitude degrees	= 111 minutes = 42 Hemisphere=West = 40 minutes = 19 Hemisphere=Worth COMPUTE NOW
Elevation = 41.6(True Azimuth 160.800 Magnetic Azimuth 147.300 Polarization -14.500	003 003
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Tx ☐ Rx ☐ Cd ☐ Users 50 Keys ☐ Signal ☐

Fig. 10i-2

DPC	AGENT PROG	RAM 1.	50	e de la composition della comp				
Г		Satel	lite Dist	Signal	Strength	Meter]
Ī	0%						100%	
	Frequ Average Signal Qua	ency = SQF = lity =	1330 130 130 (83	7%)	(Signa	1 Locked)	
		ÍDLE				Tx [Rx 🗌	Cd
Pack Sele	(age Status: ect an Opti	on <e< td=""><td>: nter></td><td></td><td>Users</td><td>50 Key</td><td>s 🗌 Sign</td><td>al</td></e<>	: nter>		Users	50 Key	s 🗌 Sign	al

Fig. 10j-1

	PC	Adapter	Information	
Site ID Have Keys Status Number of Communites	=	TRUE		
Communities: 00000103 00019100		000102 01DE00	00013000	00019100
dem Status: IDLE ckage Status: IDLE lect an Option <ent< td=""><td></td><td></td><td>Users 50</td><td>Tx Rx Cd</td></ent<>			Users 50	Tx Rx Cd

Fig. 10j-2

DPC AGENT PROGRAM 1.50		
Modem Control Options		
Disconnect the Modem Dial the Internet Dial the Package Delivery Send to the Modem		
Modem Status: IDLE		Tx 🗌 Rx 🗌 Cd 🦳
Package Status: IDLE Select an Option <enter></enter>	Users 50	Keys 🗌 Signal 🗍

Fig. 10k